

	Carry Forward	FY 2017
Revenue Sources		
Capital PAY GO	240,379,138	89,000,000
Total Revenues	240,379,138	89,000,000
Expenditure Types		
Engineering - Architecture	139,221,890	47,700,000
Land Acquisition	4,184,611	2,450,000
Land Development	0	500,000
Furniture, Fixture & Equipment	500,000	100,000
Contract Construction	96,472,637	38,250,000
Total Expenditures	240,379,138	89,000,000

CIP 2017 DIVISION SUMMARY

SEWER FUND

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Revenue Sources							
Capital PAY GO	240,379,138	89,000,000	37,980,000	44,680,000	44,830,000	40,830,000	497,699,138
Total Revenues	240,379,138	89,000,000	37,980,000	44,680,000	44,830,000	40,830,000	497,699,138
Expenditure Types							
Engineering - Architecture	139,221,890	47,700,000	25,400,000	26,600,000	26,800,000	26,800,000	292,521,890
Land Acquisition	4,184,611	2,450,000	80,000	30,000	30,000	30,000	6,804,611
Land Development	0	500,000	0	0	0	0	500,000
Furniture, Fixture & Equipment	500,000	100,000	0	0	0	0	600,000
Contract Construction	96,472,637	38,250,000	12,500,000	18,050,000	18,000,000	14,000,000	197,272,637
Total Expenditures	240,379,138	89,000,000	37,980,000	44,680,000	44,830,000	40,830,000	497,699,138



CIP SUMMARY BY PROJECT

SEWER FUND

Division Priority	Project Number Project Name	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
1	FY'17 Rehab Exist Sewer SW17200 Cover	0	33,000,000	8,000,000	10,500,000	10,500,000	8,500,000	70,500,000
2	Sewer Assessment and SW05001 Rehab	46,958,409	15,000,000	15,000,000	25,000,000	25,000,000	25,000,000	151,958,409
3	SW02033 South Plant Expansion	92,313,262	30,000,000	12,000,000	2,500,000	2,500,000	500,000	139,813,262
4	SW02011 Covered Anaerobic Lagoon	40,687,816	2,200,000	0	1,000,000	1,000,000	1,000,000	45,887,816
5	SW04009 Stiles Plant Modification	19,751,230	0	0	4,500,000	4,500,000	4,500,000	33,251,230
6	Environmental Maint SW04007 Relocation	8,339,811	1,900,000	0	0	0	0	10,239,811
7	SW04004 Wolf River Interceptor	25,278,344	1,000,000	1,100,000	0	0	0	27,378,344
8	FY'17 Svc Unsewered SW17300 Coverline	0	1,600,000	630,000	630,000	630,000	630,000	4,120,000
9	FY'17 Misc Sub Outfalls SW17100 Cover	0	4,300,000	550,000	50,000	0	0	4,900,000
10	SW02006 Sludge Disp/Earth Complex	7,050,266	0	700,000	500,000	700,000	700,000	9,650,266
Total		240,379,138	89,000,000	37,980,000	44,680,000	44,830,000	40,830,000	497,699,138



CIP 2017 DETAIL BY PROJECT

SEWER FUND

Project Name FY'17 Rehab Exist Sewer Cover

Project Number SW17200

Division Priority 1

Project Description / Justification:

This project provides funds for the repair, rehabilitation or replacement of portions of the existing sewer collection and treatment system as needed. FY2017 will be funded by Capital Pay Go-Sewer.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2017
Revenue Sources		
Capital PAY GO	0	33,000,000
Total Revenues	0	33,000,000
Expenditure Types		
Engineering - Architecture	0	2,000,000
Land Acquisition	0	1,000,000
Contract Construction	0	30,000,000
Total Expenditures	0	33,000,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Revenue Sources							
Capital PAY GO	0	33,000,000	8,000,000	10,500,000	10,500,000	8,500,000	70,500,000
Total Revenues	0	33,000,000	8,000,000	10,500,000	10,500,000	8,500,000	70,500,000
Expenditure Types							
Engineering - Architecture	0	2,000,000	0	500,000	500,000	500,000	3,500,000
Land Acquisition	0	1,000,000	0	0	0	0	1,000,000
Contract Construction	0	30,000,000	8,000,000	10,000,000	10,000,000	8,000,000	66,000,000
Total Expenditures	0	33,000,000	8,000,000	10,500,000	10,500,000	8,500,000	70,500,000



CIP 2017 DETAIL BY PROJECT

SEWER FUND

Project Name Sewer Assessment and Rehab

Project Number SW05001

Division Priority 2

Project Description / Justification:

Service area wide sanitary sewer condition assessment and rehabilitation program in response to State/Federal mandates. Funding will be from Tennessee State Revolving Loan Fund and Capital Pay Go- Sewer. Any carry forward dollars to be used for FY17 will be funded by Tennessee State Revolving Loan Fund and Capital Pay GO- Sewer

Operating Budget Impact:

None

	Carry Forward	FY 2017
Revenue Sources		
Capital PAY GO	46,958,409	15,000,000
Total Revenues	46,958,409	15,000,000
Expenditure Types		
Engineering - Architecture	40,958,409	15,000,000
Construction	6,000,000	0
Total Expenditures	46,958,409	15,000,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Revenue Sources							
Capital PAY GO	46,958,409	15,000,000	15,000,000	25,000,000	25,000,000	25,000,000	151,958,409
Total Revenues	46,958,409	15,000,000	15,000,000	25,000,000	25,000,000	25,000,000	151,958,409
Expenditure Types							
Engineering - Architecture	40,958,409	15,000,000	15,000,000	25,000,000	25,000,000	25,000,000	145,958,409
Construction	6,000,000	0	0	0	0	0	6,000,000
Total Expenditures	46,958,409	15,000,000	15,000,000	25,000,000	25,000,000	25,000,000	151,958,409



CIP 2017 DETAIL BY PROJECT

SEWER FUND

Project Name South Plant Expansion

Project Number SW02033

Division Priority 3

Project Description / Justification:

This project provides funds for the construction of additional primary clarifiers, blowers, ABF Towers, final clarifiers, screens, and additional ancillary structures/facilities, as needed to meet Federal and State requirements. Any carry forward dollars to be used for A&E or Construction for FY17 will be funded by Capital Pay Go-Sewer. FY17 will be funded by Capital Pay Go- Sewer and Tennessee State Revolving Loan Fund.

Operating Budget Impact:

None

	Carry Forward	FY 2017
Revenue Sources		
Capital PAY GO	92,313,262	30,000,000
Total Revenues	92,313,262	30,000,000
Expenditure Types		
Engineering - Architecture	91,108,500	30,000,000
Construction	1,204,762	0
Total Expenditures	92,313,262	30,000,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Revenue Sources							
Capital PAY GO	92,313,262	30,000,000	12,000,000	2,500,000	2,500,000	500,000	139,813,262
Total Revenues	92,313,262	30,000,000	12,000,000	2,500,000	2,500,000	500,000	139,813,262
Expenditure Types							
Engineering - Architecture	91,108,500	30,000,000	10,000,000	500,000	500,000	500,000	132,608,500
Contract Construction	1,204,762	0	2,000,000	2,000,000	2,000,000	0	7,204,762
Total Expenditures	92,313,262	30,000,000	12,000,000	2,500,000	2,500,000	500,000	139,813,262



CIP 2017 DETAIL BY PROJECT

SEWER FUND

Project Name Covered Anaerobic Lagoon

Project Number SW02011

Division Priority 4

Project Description / Justification:

This project is for covering the remaining anaerobic sludge lagoons at wastewater treatment plants, expanding/renovating the existing dewatering/sludge handling/processing facilities and upgrading the maintenance facilities. These upgrades are in response to Federal/State mandates. Any carry forward dollars to be used for A&E, Land Acquisition and Construction for FY16 will be funded by Capital Pay Go-Sewer. FY17 will be funded by Capital Pay Go- Sewer and Tennessee State Revolving Loan Fund.

Operating Budget Impact:

None

	Carry Forward	FY 2017
Revenue Sources		
Capital PAY GO	40,687,816	2,200,000
Total Revenues	40,687,816	2,200,000
Expenditure Types		
Engineering - Architecture	1,899,530	200,000
Contract Construction	38,788,286	2,000,000
Total Expenditures	40,687,816	2,200,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Revenue Sources							
Capital PAY GO	40,687,816	2,200,000	0	1,000,000	1,000,000	1,000,000	45,887,816
Total Revenues	40,687,816	2,200,000	0	1,000,000	1,000,000	1,000,000	45,887,816
Expenditure Types							
Engineering - Architecture	1,899,530	200,000	0	0	0	0	2,099,530
Contract Construction	38,788,286	2,000,000	0	1,000,000	1,000,000	1,000,000	43,788,286
Total Expenditures	40,687,816	2,200,000	0	1,000,000	1,000,000	1,000,000	45,887,816



Project Name Stiles Plant Modification

Project Number SW04009

Division Priority 5

Project Description / Justification:

This project is a cover line and provides funds for the construction of additional treatment facilities, modification of existing treatment facilities, and ancillary structures / facilities as needed to meet Federal / State requirements. Any carry forward dollars to be used for A&E or Construction for FY17 will be funded by Capital Pay Go-Sewer. FY17 will be funded by Capital Pay Go- Sewer

Operating Budget Impact:

None

Project Detail - 5 Year Summary

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Revenue Sources							
Capital PAY GO	19,751,230	0	0	4,500,000	4,500,000	4,500,000	33,251,230
Total Revenues	19,751,230	0	0	4,500,000	4,500,000	4,500,000	33,251,230
Expenditure Types							
Engineering - Architecture	3,400,000	0	0	500,000	500,000	500,000	4,900,000
Contract Construction	16,351,230	0	0	4,000,000	4,000,000	4,000,000	28,351,230
Total Expenditures	19,751,230	0	0	4,500,000	4,500,000	4,500,000	33,251,230

CIP 2017 DETAIL BY PROJECT

SEWER FUND

Project Name Environmental Maint Relocation

Project Number SW04007

Division Priority 6

Project Description / Justification:

This project carry forward the FY2016 allocation of funds to relocate the Environmental Maintenance service center and its ancillary operations. Any Reprogrammed dollars to be used for A&E, Land Acquisition and Construction for FY'17 will be funded by Capital Pay GO- Sewer.

Operating Budget Impact:

None

	Carry Forward	FY 2017
Revenue Sources		
Capital PAY GO	8,339,811	1,900,000
Total Revenues	8,339,811	1,900,000
Expenditure Types		
Land Acquisition	839,811	800,000
Furniture, Fixture & Equipment	500,000	100,000
Contract Construction	7,000,000	1,000,000
Total Expenditures	8,339,811	1,900,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Revenue Sources							
Capital PAY GO	8,339,811	1,900,000	0	0	0	0	10,239,811
Total Revenues	8,339,811	1,900,000	0	0	0	0	10,239,811
Expenditure Types							
Land Acquisition	839,811	800,000	0	0	0	0	1,639,811
Furniture, Fixture & Equipment	500,000	100,000	0	0	0	0	600,000
Contract Construction	7,000,000	1,000,000	0	0	0	0	8,000,000
Total Expenditures	8,339,811	1,900,000	0	0	0	0	10,239,811



CIP 2017 DETAIL BY PROJECT

SEWER FUND

Project Name Wolf River Interceptor

Project Number SW04004

Division Priority 7

Project Description / Justification:

This project provides funds for a new interceptor to collect and transport waste water that will parallel the old interceptor to adequately accommodate future flows. It will also extend the interceptor into the Grays Creek to serve existing and future annexation areas. Any carry forward dollars to be used for A&E, Land Acquisition, and Construction for FY17 will be funded by Capital Pay Go- Sewer. FY17 will be funded by Capital Pay Go- Sewer

Operating Budget Impact:

None

	Carry Forward	FY 2017
Revenue Sources		
Capital PAY GO	25,278,344	1,000,000
Total Revenues	25,278,344	1,000,000
Expenditure Types		
Engineering - Architecture	558,284	0
Land Acquisition	3,344,800	0
Contract Construction	21,375,260	1,000,000
Total Expenditures	25,278,344	1,000,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Revenue Sources							
Capital PAY GO	25,278,344	1,000,000	1,100,000	0	0	0	27,378,344
Total Revenues	25,278,344	1,000,000	1,100,000	0	0	0	27,378,344
Expenditure Types							
Engineering - Architecture	558,284	0	50,000	0	0	0	608,284
Land Acquisition	3,344,800	0	50,000	0	0	0	3,394,800
Contract Construction	21,375,260	1,000,000	1,000,000	0	0	0	23,375,260
Total Expenditures	25,278,344	1,000,000	1,100,000	0	0	0	27,378,344



CIP 2017 DETAIL BY PROJECT

SEWER FUND

Project Name FY'17 Svc Unsewered Coverline

Project Number SW17300

Division Priority 8

Project Description / Justification:

This project provides funds for extending sewer service to areas of the City which do not presently have sewers. The City pays the total cost of the projects. FY2017 will be funded by Capital Pay Go-Sewer.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2017
Revenue Sources		
Capital PAY GO	0	1,600,000
Total Revenues	0	1,600,000
Expenditure Types		
Engineering - Architecture	0	200,000
Land Acquisition	0	150,000
Contract Construction	0	1,250,000
Total Expenditures	0	1,600,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Revenue Sources							
Capital PAY GO	0	1,600,000	630,000	630,000	630,000	630,000	4,120,000
Total Revenues	0	1,600,000	630,000	630,000	630,000	630,000	4,120,000
Expenditure Types							
Engineering - Architecture	0	200,000	100,000	100,000	100,000	100,000	600,000
Land Acquisition	0	150,000	30,000	30,000	30,000	30,000	270,000
Contract Construction	0	1,250,000	500,000	500,000	500,000	500,000	3,250,000
Total Expenditures	0	1,600,000	630,000	630,000	630,000	630,000	4,120,000



CIP 2017 DETAIL BY PROJECT

SEWER FUND

Project Name FY'17 Misc Sub Outfalls Cover

Project Number SW17100

Division Priority 9

Project Description / Justification:

This project provides funds to connect new subdivisions to the City's sewer system within the City's annexation area. FY2017 will be funded by Capital Pay Go-Sewer.

Operating Budget Impact:

None.

Project Detail - Current Year

	Carry Forward	FY 2017
Revenue Sources		
Capital PAY GO	0	4,300,000
Total Revenues	0	4,300,000
Expenditure Types		
Engineering - Architecture	0	300,000
Land Acquisition	0	500,000
Land Development	0	500,000
Contract Construction	0	3,000,000
Total Expenditures	0	4,300,000

Project Detail - 5 Year Summary

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Revenue Sources							
Capital PAY GO	0	4,300,000	550,000	50,000	0	0	4,900,000
Total Revenues	0	4,300,000	550,000	50,000	0	0	4,900,000
Expenditure Types							
Engineering - Architecture	0	300,000	50,000	0	0	0	350,000
Land Acquisition	0	500,000	0	0	0	0	500,000
Land Development	0	500,000	0	0	0	0	500,000
Contract Construction	0	3,000,000	500,000	50,000	0	0	3,550,000
Total Expenditures	0	4,300,000	550,000	50,000	0	0	4,900,000



CIP 2017 DETAIL BY PROJECT

SEWER FUND

Project Name Sludge Disp/Earth Complex

Project Number SW02006

Division Priority 10

Project Description / Justification:

This project provides funds for sludge disposal equipment and support facilities to prepare sludge for disposal at the Earth Complex and/or the Maxson Waste Water Treatment Plant. Any carry forward dollars to be used for A&E, Land Acquisition, and Construction for FY17 will be funded by Capital Pay Go-Sewer. FY17 will be funded by Capital Pay Go- Sewer

Operating Budget Impact:

None

Project Detail - 5 Year Summary

	Carry Forward	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	Total
Revenue Sources							
Capital PAY GO	7,050,266	0	700,000	500,000	700,000	700,000	9,650,266
Total Revenues	7,050,266	0	700,000	500,000	700,000	700,000	9,650,266
Expenditure Types							
Engineering - Architecture	1,297,167	0	200,000	0	200,000	200,000	1,897,167
Contract Construction	5,753,099	0	500,000	500,000	500,000	500,000	7,753,099
Total Expenditures	7,050,266	0	700,000	500,000	700,000	700,000	9,650,266



